

Virginia Western Community College

DNH 120

Management of Emergencies

PREREQUISITES

Admission to the Dental Hygiene Program

COURSE DESCRIPTION

Studies the various medical emergencies and techniques for managing emergencies in the dental setting. Additional practical applications and simulations of emergencies may be conducted to enhance basic knowledge from the two-hour lecture component.

Semester Credits: 2 Lecture Hours: 2

REQUIRED MATERIALS

Textbooks

- Malamed, Stanley F., *Medical Emergencies in the Dental Office*, (8th Edition). Mosby, ISBN: 978- 0323776158.
- Virginia Western Community College *Dental Hygiene Student Guidelines and Procedures Manual*, Current Cohort Edition
- Boyd, Linda, *Wilkins' Clinical Practice of the Dental Hygienist*, (14th edition). Jones and Bartlett Learning, ISBN-13 978-1284255997
- Wynn, et al, *Drug Information Handbook for Dentistry*, (current edition). Lexicomp, ISBN: 978- 1591953920.

Additional Required Items:

- Manual Blood Pressure Cuff & Stethoscope (automated BP cuff not permitted)
- **Plastic Box** to File Several Index Cards
- **No larger than** - 6 ½ inches long x 5 inches tall x 4 inches deep
- **Lined** Index Cards (need to fit with plastic box noted above)
- Divider Cards /Tab Cards (need to fit with plastic box noted above)

COURSE OUTCOMES

At the completion of this course, the student should be able to:

1. Develop a working knowledge of common medical emergencies that may occur in the oral health setting, including preventive strategies, recognition of emergency conditions/situations, and appropriate management.
2. Apply knowledge of medical/dental emergencies to the clinical setting and to role playing activities or case scenarios.

3. Follow VWCC protocols and procedures related to risk reduction and emergency management.
4. Relate material from this course to the dental hygiene process of care.

TOPICAL DESCRIPTION

- 1. Unit 1: Weeks 1-3**
 - a. Introduction
 - b. Legal Considerations
 - c. Prevention And Preparation
- 2. Unit 2: Weeks 5-7**
 - a. Altered Consciousness
 - b. Unconsciousness
 - c. General Considerations
- 3. Unit 3: Weeks 9-10**
 - a. Respiratory Emergencies
 - b. Cardiac Emergencies
- 4. Unit 4: Weeks 12-14**
 - a. Allergies
 - b. Drug Related Emergencies